

Title (en)

Method of selective catalytic oxidation of organic compounds

Title (de)

Verfahren zur selektiven katalytischen Oxidation organischer Verbindungen

Title (fr)

Procédé pour l'oxidation catalytique sélective de composés organiques

Publication

EP 0645358 B1 19981111 (DE)

Application

EP 94113561 A 19940831

Priority

DE 4331671 A 19930917

Abstract (en)

[origin: US5504260A] Organic compounds are selectively oxidized by means of a particularly advantageous process, using elemental oxygen and a catalyst containing palladium and copper and carrying out the process in the presence of carbon monoxide.

IPC 1-7

C07C 37/58; **C07C 39/07**; **C07C 39/08**; **C07B 41/00**

IPC 8 full level

C07D 201/02 (2006.01); **B01J 23/89** (2006.01); **C07B 33/00** (2006.01); **C07B 41/00** (2006.01); **C07B 61/00** (2006.01); **C07C 27/00** (2006.01); **C07C 37/58** (2006.01); **C07C 37/60** (2006.01); **C07C 39/04** (2006.01); **C07C 39/06** (2006.01); **C07C 39/07** (2006.01); **C07C 39/08** (2006.01); **C07C 249/04** (2006.01); **C07D 201/06** (2006.01); **C07D 301/08** (2006.01); **C07D 311/02** (2006.01); **C07D 313/04** (2006.01); **C07D 315/00** (2006.01)

CPC (source: EP US)

C07B 33/00 (2013.01 - EP US); **C07B 41/00** (2013.01 - EP US); **C07C 37/58** (2013.01 - EP US); **C07C 249/04** (2013.01 - EP US); **C07D 201/06** (2013.01 - EP US); **C07D 301/08** (2013.01 - EP US); **C07D 315/00** (2013.01 - EP US); **Y02P 20/52** (2015.11 - EP US)

C-Set (source: EP US)

1. **C07C 37/58** + **C07C 39/08**
2. **C07C 37/58** + **C07C 39/04**
3. **C07C 37/58** + **C07C 39/07**

Cited by

WO0228848A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

US 5504260 A 19960402; AT E173244 T1 19981115; CA 2132065 A1 19950318; DE 4331671 A1 19950323; DE 59407271 D1 19981217; EP 0645358 A1 19950329; EP 0645358 B1 19981111; JP H07165618 A 19950627

DOCDB simple family (application)

US 30397094 A 19940909; AT 94113561 T 19940831; CA 2132065 A 19940914; DE 4331671 A 19930917; DE 59407271 T 19940831; EP 94113561 A 19940831; JP 24343594 A 19940913